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(54) Title: MONOCLONAL ANTIBODY TO CEA, CONJUGATES COMPRISING SAID ANTIBODY, AND THEIR THERAPEUTIC USE IN AN ADEPT SYSTEM (57) Abstract The invention relates to an anti-CEA monoclonal antibody (named "806.077 antibody") of murine origin and useful for the diagnosis and therapy of cancer. The antibody complementarity determining regions (CDRs) have the following sequences: heavy chain; CDR1 DNYMH, CDR2 WIDPENGDT EYAPKFRG, CDR3 LIYAGYLAMD Y; and light chain CDR1 SASSSVTYMH, CDR2 STSNLAS, CDR3 QQRSTYPLT. Humanised antibodies are described. The antibody is preferably in the form of a conjugate with either an enzyme suitable for use in an ADEPT system, especially a carboxypeptidase, or with a co-stimulatory molecule such as the extracellular domain of human B7.1.			

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